

RECKER ET AL.  
SCI1244ZC  
'REPLACEMENT SHEET'

2/9

112
114
116
118

**MISMATCH CALCULATOR FOR DATA ENTRY**

☐ smos7lv  
☐ MOS  
☐ Voltage Driven

☐ nlv  
☐ Voltage Driven

110
120

121

**Create Data Entry Form**

Model= smos7lv\_sps\_tsg.udlib.rev0b  

Calculate
Reset
email address: \*\*\*\*\*

130

**MISMATCH RESULTS**

W= 2	Vd= 2.5	X-Cpl= OFF
L= 2	Vg= 1	CTC= 0.0000
	Vb= 0	Sigma= 1
		Temp= 27

150

Total	2.7828%	4.9071mV
dl	0.0294	0.0442
dwox	0.0091	0.0193
gox	0.2070	0.4081
nsob	0.0118	0.0236
rsh	0.0000	0.0000
ubref	0.3572	0.7159
vfb	2.6715	4.7872
vfl	0.0026	0.0044
vtw	0.3956	0.6924

158

**MISMATCH NOTES**

Mismatch model based on Lot MB19168, wafer7 from C1SD

120

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130

	Single	String	From	To	Range
Vd: (V)	xxx	xxxxx	xxx	xxx	xxx
Vg: (V)	xxx	xxxxx	xxx	xxx	xxx
Vb: (V)	xxx	xxxxx	xxx	xxx	xxx
W: (cdr)	xxx	xxxxx	xxx	xxx	xxx
L: (cdr)	xxx	xxxxx	xxx	xxx	xxx
Temp (C):	xxx	xxxxx	xxx	xxx	xxx

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Vg: (V)	xxx	xxxxx	xxx	xxx	xxx
Vb: (V)	xxx	xxxxx	xxx	xxx	xxx
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L: (cdr)	xxx	xxxxx	xxx	xxx	xxx
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Vb: (V)	xxx	xxxxx	xxx	xxx	xxx
W: (cdr)	xxx	xxxxx	xxx	xxx	xxx
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Vg: (V)	xxx	xxxxx	xxx	xxx	xxx
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158

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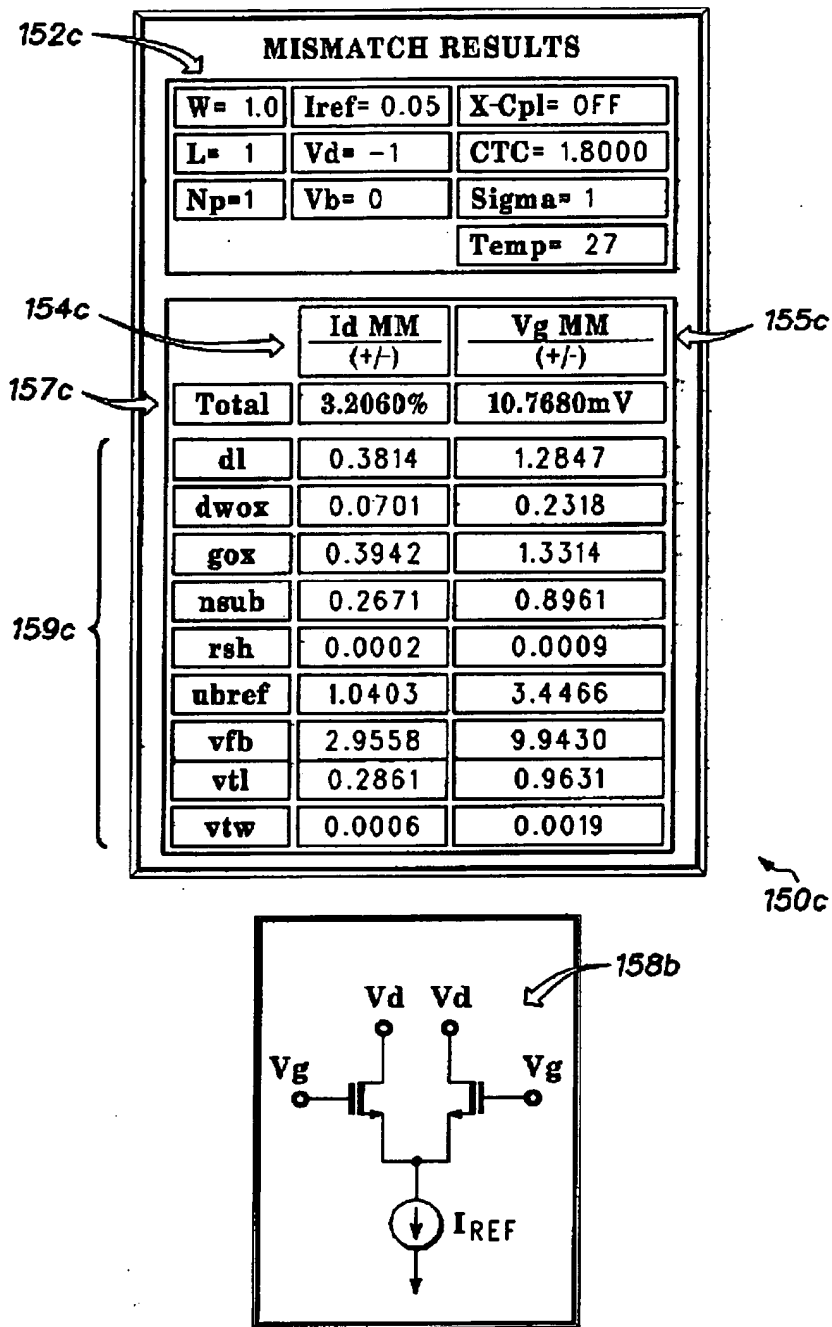
**Create Data Entry Form**

Model= smos7lv\_sps\_tsg.udlib.rev0b  

Calculate
Reset
email address: \*\*\*\*\*

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6/9



**FIG. 6**

158